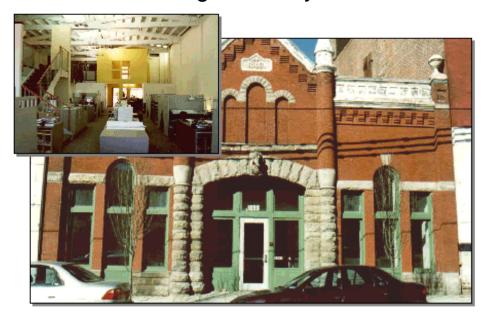
KSBA Architects Office Building Pittsburgh, Pennsylvania



Owner: Lawrenceville Development

Corporation

Project Team: Architect: KSBA Architects

Engineer: RAY Engineering

Contractor: Campbell Contracting

Engineers

Lighting

Consultant: Carlins Consulting

Building Statistics:

Completion Date: December, 1998

Cost: \$.58 M

Size: 9,100 square feet Footprint: 4,343 square feet

Construction Type: Commercial Use Group: Business

Lot Size: 4,343 square feet
Annual Energy Use: 68 kBtu/sf/year

Occupancy: 25

E NDIU/C



LEED™ 1.0 Certification: CERTIFIED

Notes from the Project Team: *LEED*TM *increased the credibility of the design team's efforts to integrate energy and environmental design strategies.*

- ☐ Sustainable Sites
 - Site Selection: Reuse of existing 1888 building on a site within one block of 4 major bus routes
 - Resource Protection: No disturbance of the site; added street trees
 - Alternative Transportation: Showers and indoor parking are incentives
- Water Efficiency
 - Water: Flow-restrictor faucets
 - Storm/Waste Water: Low-consumption toilets
- Energy and Atmosphere
 - Energy: Exceeds ASHRAE/IES Standard 90.1-1989 by 30%
 - HVAC: Access flooring with convection enhanced ventilation
 - Controls/Monitoring:HVAC system utilizes economizer cycle: works with outdoor air temperature
 - Lighting: Large windows and skylights contribute 30-50%
- Materials and Resources
 - Structure: 100% rehabilitation of an existing building
 - Envelope: Entire existing shell kept intact
 - Materials Reuse: Value of reused and salvaged material is approximately 10.5% of total value of materials on the project
- Indoor Environmental Quality
 - Indoor Environmental Quality: Modular carpet used with no adhesives. HVAC air handler installed only after construction was completed. Access floor supply plenum was cleaned prior to operation.
 - Furniture: 90% reuse of architectural millwork and furniture